# Position Details

## Research Scientist/Engineer- CSOF5

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| The following information is for applicants | |
| Advertised Job Title | Nutrition Systems Scientist |
| Job Reference | 78686 |
| Tenure | Specified term of 2 years  Full-time |
| Salary Range | AU$102k to AU$111k pa (pro-rata for part-time) + up to 15.4% superannuation |
| Location(s) | St Lucia, Brisbane, QLD preferred; other locations considered |
| Relocation Assistance | Will be provided to the successful candidate if required |
| Applications are open to | * All candidates |
| Position reports to the | Team leader, Sustainable Food System Futures |
| Client Focus – Internal | 10% |
| Client Focus – External | 90% |
| Number of Direct Reports | 0 |
| Enquire about this job | Contact Dr Jessica Bogard via email at Jessica.bogard@csiro.au |
| How to apply | Apply online at <https://jobs.csiro.au/>  Internal applicants please apply via **Jobs Central**  If you experience difficulties when applying, please email [careers.online@csiro.au](mailto:careers.online@csiro.au) or call 1300 984 220. |

### Role Overview

The role of Research Scientist Staff in CSIRO is to conduct innovative research leading to scientific achievements that are aligned with CSIRO’s strategies. You may be engaged in scientific activity ranging from fundamental research to the investigation of specific industry or community problems. You will have the opportunity to build and maintain networks, play a lead role in securing project funds, provide scientific leadership and pursue new ideas and approaches that create new concepts.

The Nutrition Systems Scientist role will join the Food Systems and Global Change Research Group in CSIRO’s Agriculture and Food Business Unit. The position will elevate the contribution of agriculture and food systems research to achieve improvements in nutrition and health outcomes both in Australia and internationally. The role will work with a multidisciplinary team of scientists to leverage the potential of agricultural and/or food systems innovations to deliver healthy and sustainable diets. The position will adapt research methods and approaches from public health and nutrition science to a ‘whole-of-food-systems’ approach. The Research Scientist will be involved in global, regional and local level research activities in Australia and the Asia-Pacific region, particularly in low and middle-income countries.

### Duties and Key Result Areas

* Under the supervision of more senior researchers, assist in the planning and preparation of research proposals and carry out research investigations, requiring originality, creativity and innovation.
* Lead research activities on the relationship between drivers of global change, agriculture, food systems and nutrition and health outcomes.
* Lead research activities on the integration of nutrition-sensitive approaches to agricultural research and development projects including in project design, implementation and evaluation.
* Provide training and support for capacity development of internal team and external project staff (as required) on nutrition in food systems research.
* Modify and adapt public health nutrition research methodologies (such as dietary or food environment assessments) to food systems approaches in local and global contexts.
* Develop appropriate research protocols for conducting nutrition related research based on standard research methods adapted to a broader food systems research context.
* Conduct both quantitative and qualitative field research related to food environments, nutrition and food systems.
* Conduct literature reviews and synthesis of scientific and grey literature pertaining to healthy and sustainable diets and food systems.
* Design data recording and entry systems.
* Analyse quantitative and qualitative data relating to nutrition and health including appropriate statistical and graphics software.
* Produce high quality scientific papers suitable for publication in high quality journals and for presentation at national and international conferences.
* Under the guidance of Senior Research Scientists, work collaboratively and honestly with internal and external colleagues, clients and partners to help define and satisfy objectives for small to medium research projects.
* Assist in leading small to medium research projects, including the negotiation of resource requirements.
* Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work collaboratively as part of a multi-disciplinary, regionally dispersed research team to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Values, Code of Conduct, Health, Safety and Environment procedures and policy, Diversity initiatives and Making Safety Personal goals.
* Other duties as directed.

## **Required Competencies**

* **Teamwork and Collaboration:** Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other teams as well as industry colleagues.
* **Influence and Communication:** Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.
* **Resource Management/Leadership:** Allocates activities, directs tasks and manages resources to meet objectives. Provides coaching and on the job training, recognises and supports staff achievements and fosters open communication in the team.
* **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate responses by adapting/creating and testing alternative solutions.
* **Independence:** Plans, sets and works to meet challenging standards and goals for self and/or others. Recognises where endeavours will make the most impact or difference, decides on desired outcome and sets realistic goals to reach this target.
* **Adaptability:**Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of change.

## **Selection Criteria**

#### Essential

*Under CSIRO policy only those who meet all essential criteria can be appointed.*

1. A PhD (or an equivalent combination of qualifications and research experience) in a relevant field related to nutrition, food security, public health, sustainable diets, or food systems.
2. Demonstrated understanding of links between agriculture, food systems and healthy and sustainable diets.
3. Experience in the collection or analysis of dietary or nutrition data using quantitative and/or qualitative methods.
4. The ability to work collaboratively as part of a multi-disciplinary, regionally dispersed team, and carry out independent individual research with critical reflection, to deliver high quality outcomes from research.
5. Demonstrated ability to undertake original, creative and innovative research by generating and pursuing novel ideas and solutions to scientific research problems.
6. Excellent oral and written communication skills and a demonstrated publication history of authorship on scientific papers in peer reviewed journals and/or reports, grant applications or other formats.

## **Desirable**

1. Experience in quantitative nutrition and dietary data analysis from large surveys (such as dietary recalls, household income and expenditure, dietary diversity, food frequency surveys or similar); and use of statistical programs such as SPSS, STATA or R for the analysis of dietary data.
2. Experience in development of research protocols and methods for the collection of food samples for nutrient composition analysis.

Special Requirements

Appointment to this role may be subject to conditions including provision of a national police check as well as other security/medical/character clearance requirements.

* The successful candidate will be asked to obtain and provide evidence of a National Police Check or equivalent. Please note that people with criminal records are not automatically deemed ineligible. Each application will be considered on its merits.
* If the successful candidate is not an Australian Citizen or Permanent Resident, they may be required to undergo additional security clearances, which may include medical examinations and an international standardised test of English language proficiency (i.e. IELTS test).- https://ielts.com.au/

## **About CSIRO**

We solve the greatest challenges through innovative science and technology. To find out more visit us [online](http://www.csiro.au/)!

CSIRO is a values-based organisation.  In your application and at interview you will need to demonstrate behaviours aligned to our values of:

* 1. People First
  2. Further Together
  3. Making it Real
  4. Trusted

Find out more about CSIRO [Agriculture and Food](https://www.csiro.au/en/Research/AF)

Find out more about CSIRO [Food Systems and Global Change](https://research.csiro.au/foodglobalsecurity/)

Find out more about CSIRO’s [corporate impact case studies](https://www.csiro.au/en/about/corporate-governance/ensuring-our-impact/impact-case-studies)